

APPENDIX D-17

Detailed test procedures for Sub-Test II-17 Internal Overload Control (IOC)

D-17.1 IOC (Criteria II-17.2.a-f) JIEO Technical Report 8249 Paragraph 5.3.8, 5.3.9 The test network configuration report form will depict the test configuration for each iteration of this Sub-Test. One Ameritech call loader or similar instrument is required on each test node. Set call loader to place calls between the Origination Node (ON) and the Destination Node (DN) on trunk group under test in both directions. Provision the call loader so that there are 3 trunks left for additional calls. Provision the test node (ON) to activate IOC. (This may have to be done by a special patch if real overload can not be generated.) Deactivate all alternate routes.

Set up Call Loader for trunk calls at 2500 calls per hour in both directions	Call loader completing 100% of calls	Y/N	Comments:
Place a Routine call from ONA to DNA, ONB to DNB and ONC to DNC and leave off hook.	Calls complete	Y/N	
Manually enable IOC on the Test Node (ON)	System alarm indicates overload condition. Call loader starts to fail calls into the Test Node (ON)	Y/N	
	Previous three Routine calls are still active	Y/N	
Go on hook with ONA but stay off hook with DNA until call releases	DNA call is disconnected and trunk is released Y/N		
Place a Routine call from DNA to ONA	DNA call does not complete and is routed to an announcement	Y/N	
Place a Routine call from ONA to DNA	Call completes	Y/N	
	ONA/DNA and ONB/DNB still active	Y/N	
Place a Priority call from DNA to ONA	DNA call does not complete and is routed to an announcement Y/N		
Place a Priority call from ONA to DNA	Call completes	Y/N	
	ONA/DNA and ONB/DNB still active	Y/N	
Deactivate IOC on the Test Node (ON)	Verify the Test Node returns to normal call processing within 120 sec.	Y/N	
	Test Node provides notification of return to normal status.	Y/N	
	Call loader processing calls at 100%	Y/N	
Hang up all calls	Calls disconnected	Y/N	
Place a Routine call from DNA to ONA, DNB to ONB and DNC to ONC	Calls complete	Y/N	
Deactivate call loader and place all calls on hook			